

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS II145-6 REV A AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA145-5 REV N/C  
REF. TCCA STC: SH21-24  
REF. EASA STC: 10077436  
REF. FAA STC: SR04694NY

## 1.0 PURPOSE:

It has come to DART's attention that the rubber pad installed on valve cover assembly P/N 647.9904 associated with the float reservoir and the valve cover assembly P/N 647.9903 associated with the liferaft reservoir can debond and separate from the valve cover which can potentially cause the valve cover to shift in service. This DSI provides parts and instructions for the proper fixation of the rubber pad for the Valve Cover assemblies, P/N 647.9903 and P/N 647.9904.

## 2.0 PROCEDURE:

Removal and reinstallation instructions for rubber pad:

1. Remove the affected valve covers per Section 25.7.1 of ICA145-5.
2. Remove previous adhesive attaching the rubber pad to the valve cover using acetone and, if necessary, a blade.
3. Score the surface of the valve cover assembly where the rubber will be reattached to allow for proper adhesion.
4. Reapply the rubber pad using Dow Corning P/N 736 (P/N 601.3360) or Dow Corning RTV 732 (P/N 601.4410).
5. Once the adhesive has cured, reinstall the valve cover on the float reservoir per Section 4.1 of II145-6 or Section 25.7.2 of ICA145-5 and on the liferaft reservoir per Section 4.2 of II145-6 or Section 25.7.3 of ICA145-5.

## 3.0 WEIGHT AND BALANCE:

There is negligible weight and balance change associated with these modifications.

## 4.0 PARTS LIST:

F/N	QTY	P/N	DESCRIPTION
9	1	647.9918	Rubber pad
10	1	649.9919	Rubber pad
13	A/R	601.3360	Heat Resistant Sealant, Dow Corning 736 **

\*\* P/N 601.4410 Multi-purpose sealant, Dow Corning RTV 732 can be used as an alternate for P/N 601.3360 Heat Resistant Sealant, Dow Corning 736.

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 22.03.23  
CERT. NO.: SH21-24  
ISSUE NO.: 1

A	NEW ISSUE	EA	22.03.23
REV.	DESCRIPTION	BY	DATE
DESIGN	EA	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	EA		
CHECKED	CZ	DRAWING NO.	REV. A
MFG. APPR.	N/A	<b>DSI 9881</b>	SHEET 1 OF 2
APPROVED	CZ	TITLE	SCALE
DE APPR.	DS 	<b>VALVE COVER RUBBER PAD INSTALL</b>	NTS
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5.0 REFERENCE FIGURES:

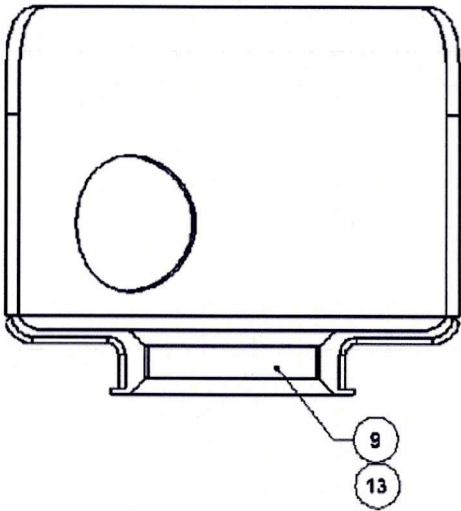


FIGURE 1: VALVE COVER ASSY 647.9903 (LIFERAFT RESERVOIR)

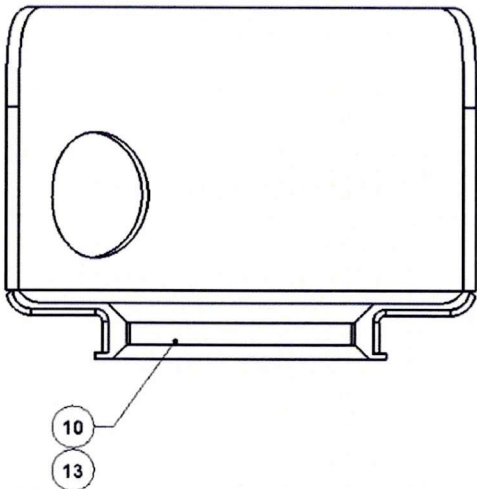


FIGURE 2: VALVE COVER ASSY 647.9904 (FLOAT RESERVOIR)

DESIGN	EA	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	EA		
CHECKED	CZ	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9881	SHEET 2 OF 2
APPROVED	CZ	TITLE	SCALE
DE APPR.	DS	VALVE COVER RUBBER PAD INSTALL	NTS
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